

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	210	catalyst.ti. and isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
L2	202	catalyst.ti. and isoelectric near point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
L3	192	catalyst.ti. and isoelectric near point pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
L4	69	catalyst.ti. and isoelectric near point pH ceria	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
L5	56	catalyst.ti. and isoelectric near point pH ceria (silica or alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 15:05
L9	1	"20070197373"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:10
L10	1	"20080051283"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:10
L11	1	"20070129246"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:11
L12	1	"20070197379"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:11
L13	22	"5182249"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:12

L14	27	"5334570"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:16
L15	19	"524643"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:17
L16	6	"2836067"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 16:19
L17	9	"2836067"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 16:19
L18	7	"1480910"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 16:20
L19	10	"1175935"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 16:22
S1	198	ceria sol adj alumina adj sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 10:32
S2	81	ceria sol adj alumina adj sol (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 10:35
S3	119	ceria sol adj alumina adj sol (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 10:46
S4	82	ceria sol adj alumina adj sol (platinum or pt) particle adj size	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 10:52
S5	62	ceria sol adj silica adj sol (platinum or pt) particle adj size	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 12:34
S6	100	ceria sol adj silica adj sol (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 12:39

S7	15	ceria adj sol silica adj sol (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 12:41
S8	61	ceria adj sol alumina adj sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 12:41
S9	23	ceria adj sol alumina adj sol (platinum or pt)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 13:36
S10	24	"5532198"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 14:47
S11	9	"5532198" sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/11 14:55
S12	17	"4797376"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 10:17
S13	3	"6344242"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 10:20
S14	2743	isoelectric adj point catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:23
S15	68	isoelectric adj point catalyst exhaust adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:24
S16	3055	pH catalyst exhaust adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:40
S17	126289	pH catalyst nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:40
S18	2328	pH catalyst nitrogen exhaust adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:40

S19	55	pH catalyst nitrogen exhaust adj gas isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:40
S20	32	"4,981,825"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 11:59
S21	24	"5627124"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 14:31
S22	147	"4714694"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 15:21
S23	65	"4714694" molar	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 15:24
S24	36	"4714694" molar not "4,808,564"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 15:26
S25	28	"4714694" molar not "4,808,564" nitrogen	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 15:27
S26	22	"4714694" molar not "4,808,564" nitrogen aluminum	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/08/15 15:29
S27	1	"10258232"	JPO	AND	ON	2008/08/15 16:31
S28	24	catalyst.ti. and ceria near sol and (alumina or silica) near sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/20 17:40
S29	1492	isoelectric near point and sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 11:46
S30	17	isoelectric near point and ceria near sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 11:46
S31	5	isoelectric near point and ceria near sol and aluminum	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 11:46

S32	24	catalyst ti and ceria near sol and ((alumina or silica) near sol)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 11:47
S33	5	isoelectric and ceria near sol and ((alumina or silica) near sol)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:27
S34	4	"6083868"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:30
S35	13	sol near gel and catalyst and alumina near sol and ceria near sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:39
S36	1525	sol near gel and catalyst and alumina and ceria	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:40
S37	40	sol near gel and catalyst and alumina and ceria near sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:40
S38	48	sol near gel and catalyst and silica and ceria near sol	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 12:46
S39	28	"5346875"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 13:04
S40	0	"5346875" iso electric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 13:04
S41	20	"5346875" isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 13:04
S42	19	"5346875" isoelectric ceria	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 13:11
S43	19	"5346875" isoelectric ceria isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 13:12

S44	1	isoelectric near acid	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 16:52
S45	6	isoelectric near point and catalyst and acid	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 16:53
S46	5	isoelectric near point and catalyst and adjust \$6	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 16:53
S47	1	"7384888"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:07
S48	1	"7314846"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:11
S49	3	"5753581"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:31
S50	7	"6486910"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:54
S51	20	"6468910"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:55
S52	15	"5935871"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/02/23 17:58
S53	1	"7314846"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:20
S54	5	"6645265"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:41
S55	3	"6645265" ph	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:41

S56	9	"5431956"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:47
S57	1	"5431956" isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:48
S58	22	"5886069"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:49
S59	3	"5886069" isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 11:49
S60	27	"5071676"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 12:00
S61	9	"5071676" isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 12:00
S62	13	"6209357"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 12:11
S63	3	"6209357" isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/24 12:11
S64	1	"5753581" and pgm	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/03/25 10:49
S65	132	catalyst.ti. and isoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:29
S66	128	catalyst.ti. and isoelectric near point	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:29
S67	52	catalyst.ti. and isoelectric near point (alumina or silica) and ceria	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:30

S68	0	(cohen near stefanie). xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:36
S69	0	(cohen near stefanie)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:36
S70	4	(cohen stefanie)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/06/24 13:36
S71	22	"5182249"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/06 17:56
S72	26	"5439865"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 12:20
S73	3	"0524643"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/11/17 12:21
S74	3	"0524643"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:21
S75	2	"0430744"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:21
S76	0	EP0430744	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:23
S77	10	"1175935"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:27
S78	2	"0430744"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:32
S79	302	chopin and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:33



S80	33	"524643"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:34
S81	9	"2836067"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:35
S82	9	"5334570" and (isoelectric or pH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/11/17 12:44

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	4547	hirabayashi	USPAT; UPAD	AND	ON	2009/11/17 15:12
L7	10	hirabayashi.in. isoelectric	USPAT; UPAD	AND	ON	2009/11/17 15:12
L8	0	"20070197373"	USPAT; UPAD	AND	ON	2009/11/17 16:10

11/ 17/ 2009 4:29:30 PM

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